

GRAPHICAL DESIGN AND AUTOMATIC GENERATION OF
SUPPLY CHAIN COLLABORATION SERVICES CAPABLE OF
UNDERSTANDING SUPPLY CHAIN SEMANTICS

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ABSTRACT OF THE DISCLOSURE

A computer-implemented system for graphical design and automatic generation of supply chain collaboration services capable of understanding supply chain semantics includes a collaboration service designer and a collaboration service generator. The collaboration service designer provides a graphical user interface (GUI), solicits from a user, using the GUI, information regarding the design for the supply chain collaboration service in a sequence of design steps, receives from the user, using the GUI, the solicited information, and generates a file based on the received information that contains a meta-model for the supply chain collaboration service. The collaboration service generator accesses the file containing the meta-model for the supply chain collaboration service. The collaboration service generator, using the meta-model, automatically generates the supply chain collaboration service, which is capable of understanding of supply chain semantics for an underlying supply chain.

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TECHNICAL FIELD